

Resource Summary Report

Generated by PRECISE-TBI on Aug 5, 2026

mi2001Tg/+ (AB)

RRID:ZIRC_ZL1070

Type: Organism

Proper Citation

RRID:ZIRC_ZL1070

Organism Information

URL:

http://zebrafish.org/fish/lineAll.php?t=ZIRC_Catalog_ID&sverb=exactly+matching&c=ZL1070

Proper Citation: RRID:ZIRC_ZL1070

Description: Danio rerio with name Tg(gfap:GFP) from ZIRC.

Species: Danio rerio

Notes: Transgenic Insertion

Affected Gene: mi2001Tg/+ (AB)

Genomic Alteration: mi2001Tg

Catalog Number: ZL1070

Background: AB

Database: Zebrafish Lines at ZIRC

Database Abbreviation: ZIRC

Availability: embryos

Organism Name: mi2001Tg/+ (AB)

Record Creation Time: 20230308T015100+0000

Record Last Update: 20260801T182259+0000

Ratings and Alerts

No rating or validation information has been found for mi2001Tg/+ (AB).

No alerts have been found for mi2001Tg/+ (AB).

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Zebrafish Lines at ZIRC

Usage and Citation Metrics

We found 10 mentions in open access literature.

Listed below are recent publications. The full list is available at [PRECISE-TBI](#) .

Bellitto D, et al. (2025) A multi-omics approach reveals impaired lipid metabolism and oxidative stress in a zebrafish model of Alexander disease. *Redox biology*, 81, 103544.

Abdel-Hamid MS, et al. (2025) Biallelic variants in GTF3C3 encoding a subunit of the TFIIIC2 complex are associated with neurodevelopmental phenotypes in humans and zebrafish. *Brain communications*, 7(1), fcaf055.

Mitic N, et al. (2024) Dissecting the spatiotemporal diversity of adult neural stem cells. *Molecular systems biology*, 20(4), 321.

Krylov A, et al. (2023) Heterogeneity in quiescent Müller glia in the uninjured zebrafish retina drive differential responses following photoreceptor ablation. *Frontiers in molecular neuroscience*, 16, 1087136.

Hutto RA, et al. (2023) Cone photoreceptors transfer damaged mitochondria to Müller glia. *Cell reports*, 42(2), 112115.

Stulberg J, et al. (2022) In Situ Quantification and Isolation of Müller Glial Cells by Fluorescence-Activated Cell Sorting from the Regenerating Larval Zebrafish Retina. *Methods in molecular biology* (Clifton, N.J.), 2429, 345.

Titilii-Torres KF, et al. (2022) Embryonic hyperglycemia perturbs the development of specific retinal cell types, including photoreceptors. *Journal of cell science*, 135(1).

Thiel WA, et al. (2022) Compensatory engulfment and Müller glia reactivity in the absence of microglia. *Glia*, 70(7), 1402.

Coomer CE, et al. (2020) Her9/Hes4 is required for retinal photoreceptor development, maintenance, and survival. *Scientific reports*, 10(1), 11316.

Hortopan GA, et al. (2011) Aberrant expression of genes necessary for neuronal development and Notch signaling in an epileptic mind bomb zebrafish. *Developmental dynamics : an official publication of the American Association of Anatomists*, 240(8), 1964.